

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E40758

**Employer :** Edmonds Community College

**Worksite :** Edmonds Community College

**Street :** 20000 68th Ave W

**Jurisdiction :** City of Lynnwood

**Survey Date :** 12/27/2016

**Survey Type :** Online

**Response Rate :** 47%

### Drive Alone & One-Way VMT Rates at this Worksite

### Employees and Survey Response Information

**Drive Alone :** 86.0%

**Reported Total Employees at Worksite:** 1,270

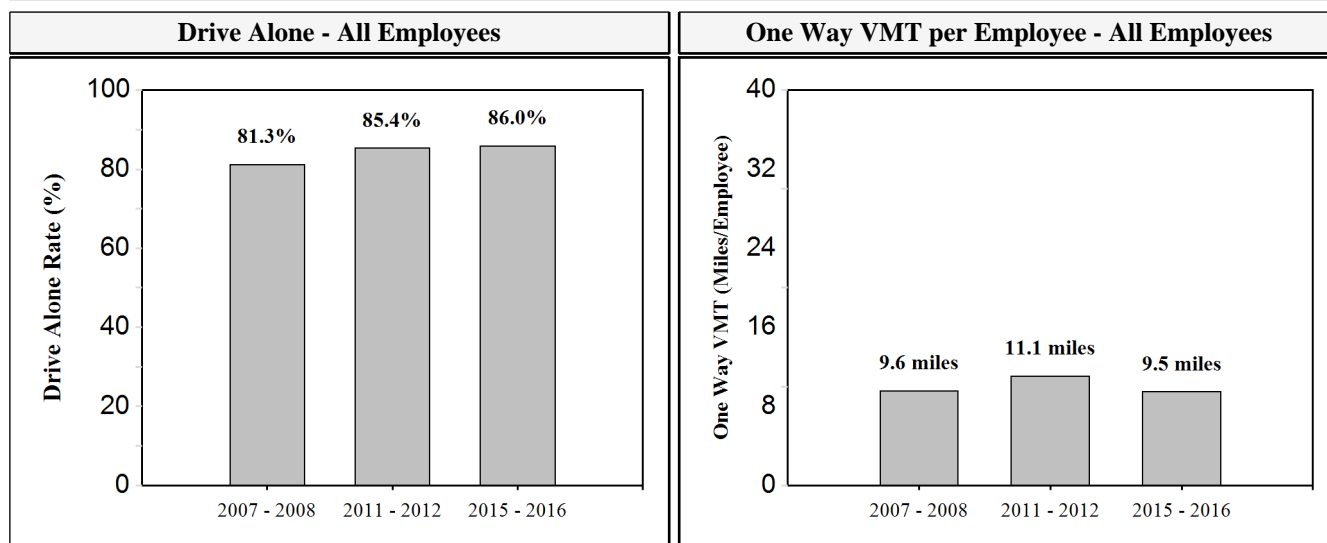
**Surveys Distributed :** 1,270

**One-Way VMT per employee :** 9.5

**Surveys Returned :** 596

**Surveys Returned by CTR Affected Employees :** 358

**Total Estimated CTR - Affected Employees at Worksite :** 763



### Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	81.3%	81.1%	9.6	10.0
2009 - 2010	78.9%	81.7%	9.6	9.8
2011 - 2012	85.4%	89.3%	11.1	10.9
2013 - 2014	N/A	N/A	N/A	N/A
2015 - 2016	86.0%	89.9%	9.5	9.9
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	5.8%	10.9%	-1.0%	-1.0%

## Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2011 - 2012	2011 - 2012 Without Fill In	2015 - 2016	2015 - 2016 Without Fill In
Drive Alone - All Employees*	81.3%	85.4%	78.0%	86.0%	78.3%
Drive Alone - CTR Affected Employees*	81.1%	89.3%	80.5%	89.9%	81.2%
VMT/Employee - All Employees	9.6	11.1	10.3	9.5	8.8
VMT/Employees - CTR Affected Employees	10.0	10.9	10.1	9.9	9.1

\* Drive alone rate includes one person motorcycles.

## GHG Emissions: Total for Drive Alone, Carpools, Vanpools

### Annual Greenhouse Gas Emissions (Metric Tons CO<sub>2</sub>e) for Roundtrip Commute\*

Value	2007 - 2008	2011 - 2012	2015 - 2016
Emissions for Surveyed Employees	853	1,259	986
Estimated Emissions for Total Employment	1,350	2,629	2,101

\* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

## Bus Transit Passenger Miles and Rail Transit Passenger Miles\*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2011 - 2012	2015 - 2016
Bus Annual Passenger Miles - Estimated for Total Employment	203,860	275,888	254,426
Bus Annual Passenger Miles - Surveyed Employees	128,800	132,100	119,400
Ferry Annual Passenger Miles - Estimated for Total Employment	0	221,588	134,671
Ferry Annual Passenger Miles - Surveyed Employees	0	106,100	63,200
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	12,662	0	3,196
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	8,000	0	1,500

\* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO<sub>2</sub>e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO<sub>2</sub>e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO<sub>2</sub>e emissions per passenger mile for train/light rail/streetcar.

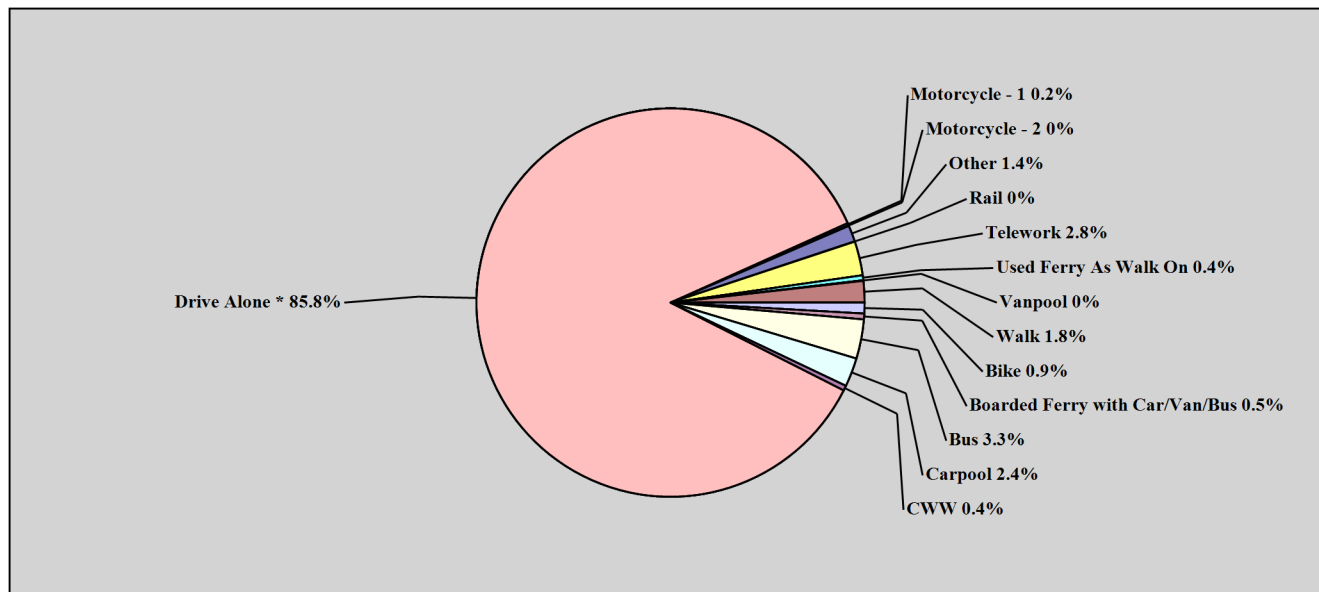
**Q3.**

<b>One way, how many miles do you commute from home to your usual work location?</b>
<b>Average one-way distance home to work: 10.6 miles</b>

## Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



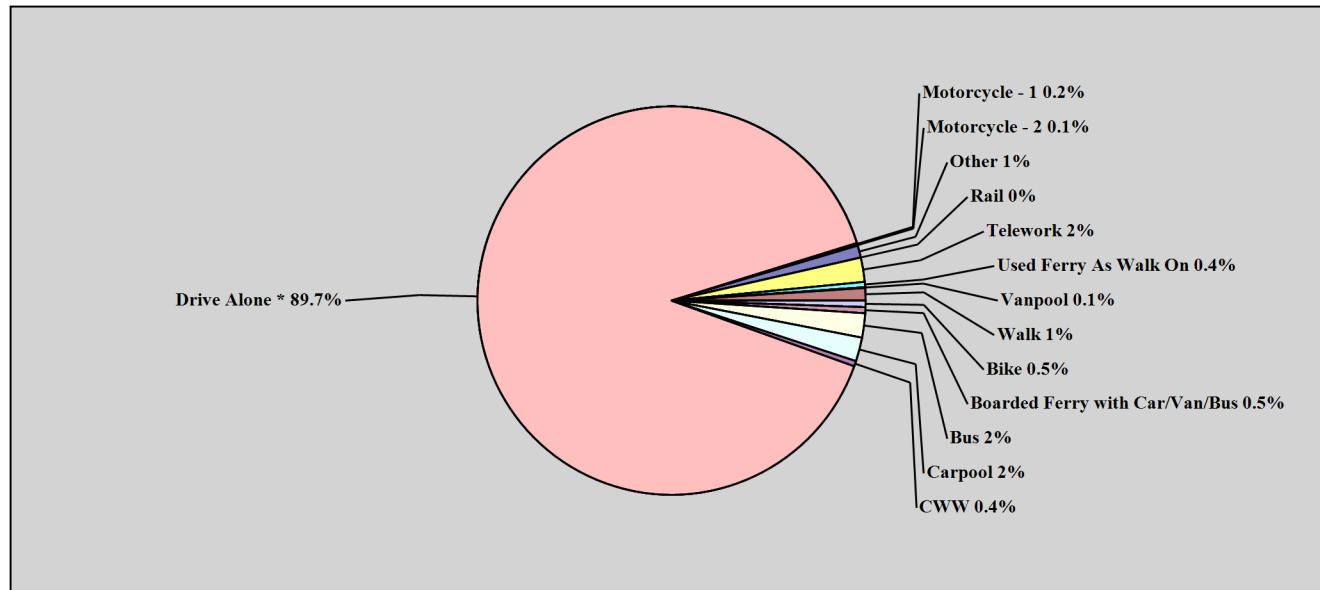
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	3,542	85.8%	85.2%	499	83.7%	84.5%
Carpool	99	2.4%	4.4%	33	5.5%	10.2%
Vanpool	2	0.0%	0.0%	2	0.3%	0.0%
Motorcycle - 1	8	0.2%	0.2%	2	0.3%	0.7%
Motorcycle - 2	2	0.0%	0.0%	1	0.2%	0.0%
Bus	135	3.3%	2.3%	34	5.7%	4.3%
Rail	1	0.0%	0.0%	1	0.2%	0.0%
Bike	37	0.9%	0.9%	11	1.8%	2.3%
Walk	74	1.8%	0.8%	20	3.4%	1.8%
Telework	117	2.8%	4.3%	52	8.7%	11.2%
CWW	17	0.4%	0.1%	8	1.3%	0.7%
Boarded Ferry with Car/Van/Bus	20	0.5%	0.9%	6	1.0%	1.5%
Used Ferry As Walk On	17	0.4%	0.3%	6	1.0%	0.8%
Other	56	1.4%	0.6%	17	2.9%	1.7%

\* Drive alone mode includes fill-in, where applicable.

## Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	2,845	89.7%	89.1%	310	86.6%	87.8%
Carpool	63	2.0%	3.9%	20	5.6%	12.0%
Vanpool	2	0.1%	0.0%	2	0.6%	0.0%
Motorcycle - 1	5	0.2%	0.2%	1	0.3%	0.6%
Motorcycle - 2	2	0.1%	0.0%	1	0.3%	0.0%
Bus	64	2.0%	1.9%	14	3.9%	4.4%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	17	0.5%	0.7%	5	1.4%	2.3%
Walk	33	1.0%	0.7%	9	2.5%	2.0%
Telework	64	2.0%	1.9%	33	9.2%	9.9%
CWW	14	0.4%	0.0%	7	2.0%	0.3%
Boarded Ferry with Car/Van/Bus	16	0.5%	0.9%	4	1.1%	1.7%
Used Ferry As Walk On	14	0.4%	0.4%	4	1.1%	0.9%
Other	32	1.0%	0.3%	10	2.8%	1.7%

\* Drive alone mode includes fill-in, where applicable.



**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	428	72%	596	100%
1 Days	33	6%	168	28%
2 Days	30	5%	135	23%
3 Days	21	4%	105	18%
4 Days	20	3%	84	14%
5 Days	53	9%	64	11%
6 or More Days	11	2%	11	2%

**Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)**

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	254	62.3%	60	14.7%	14	3.4%	14	3.4%	0	0%	0	0%	12	2.9%	6	1.5%	60	14.7%
4 days a week (4/10s)	3	5%	39	65%	6	10%	1	1.7%	0	0%	0	0%	6	10%	0	0%	17	28.3%
3 days a week	2	5.3%	19	50%	3	7.9%	2	5.3%	0	0%	0	0%	1	2.6%	0	0%	12	31.6%
9 days in 2 weeks (9/80)	1	50%	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
7 days in 2 weeks	2	40%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	6	8.3%	24	33.3%	3	4.2%	1	1.4%	0	0%	0	0%	2	2.8%	3	4.2%	15	20.8%

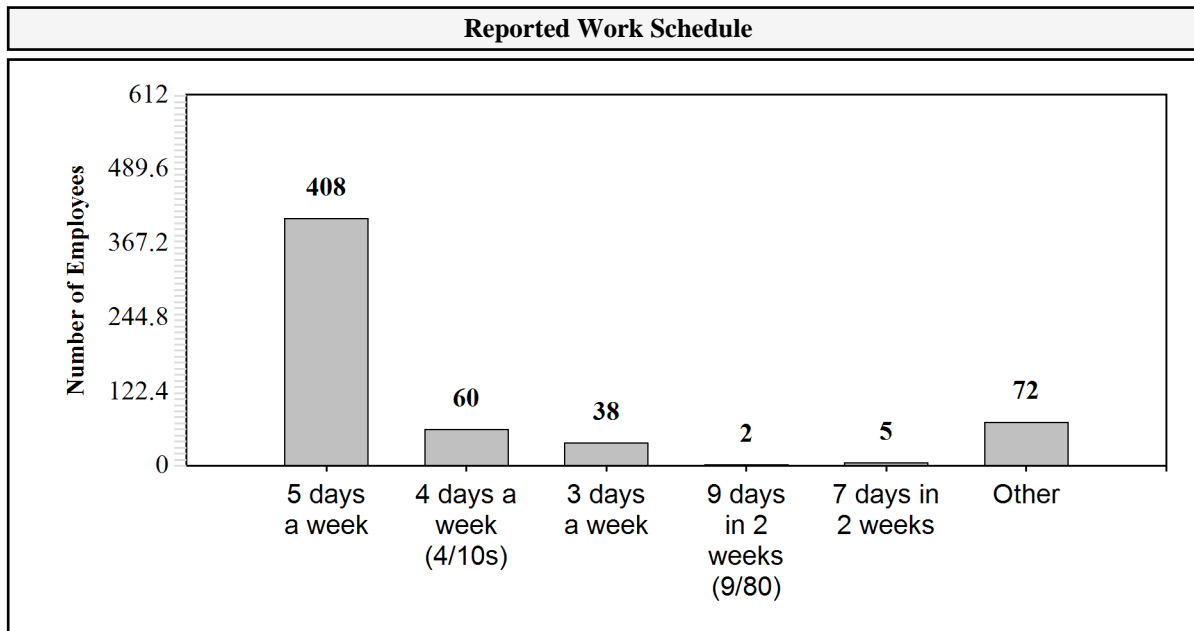
## Count by Occupancy of Carpools, Vanpools, and Motorcycles

**Q.4b** If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	8
2	Motorcycle	2
2	Carpool	99
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	1
5	Vanpool	0
6	Vanpool	0
7	Vanpool	1
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

## Reported Work Schedule - All Employees

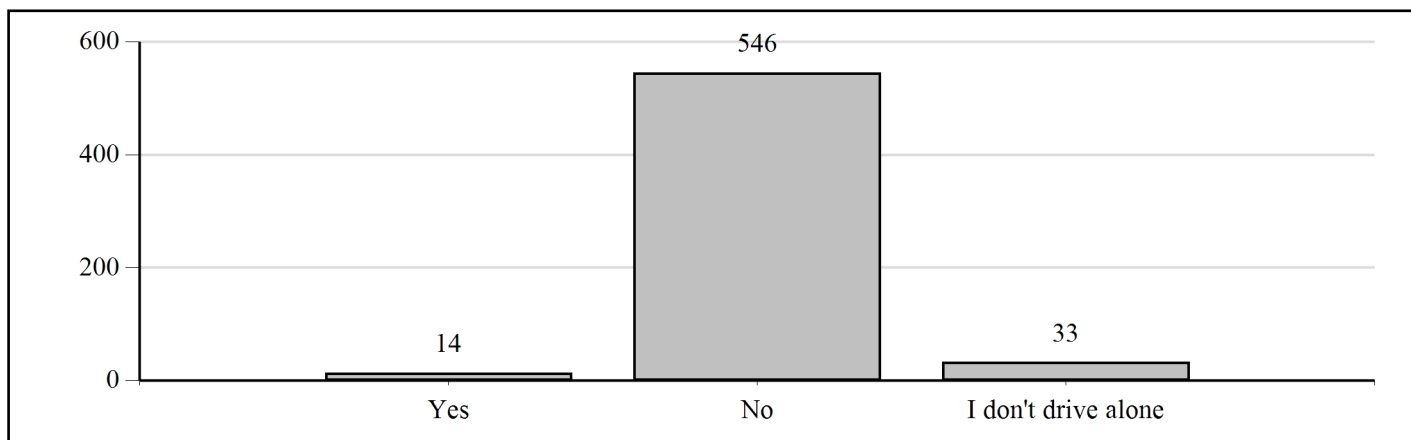
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	408	69.7%
4 days a week (4/10s)	60	10.3%
3 days a week	38	6.5%
9 days in 2 weeks (9/80)	2	0.3%
7 days in 2 weeks	5	0.9%
Other	72	12.3%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	2	0.3%
I don't telework	348	58.4%
Occasionally, on an as-needed basis	146	24.5%
1-2 days/month	27	4.5%
1 day/week	31	5.2%
2 days/week	14	2.3%
3 days/week	28	4.7%

## Reasons for driving alone to work/not driving alone to work

**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
I have the option of teleworking	132	13.7%
Environmental and community benefits	129	13.4%
Other	123	12.8%
Personal health or well-being	118	12.2%
To save money	109	11.3%
Driving myself is not an option	79	8.2%
Free or subsidized bus, train, vanpool pass or fare benefit	76	7.9%
To save time using the HOV lane	52	5.4%
Cost of parking or lack of parking	47	4.9%
Financial incentives for carpooling, bicycling or walking.	46	4.8%
Emergency ride home is provided	35	3.6%
Preferred/reserved carpool/vanpool parking is provided	11	1.1%
I receive a financial incentive for giving up my parking space	7	0.7%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	380	26.4%
I like the convenience of having my car	361	25.1%
Family care or similar obligations	193	13.4%
My commute distance is too short	164	11.4%
Other	143	9.9%
My job requires me to use my car for work	93	6.5%
Bicycling or walking isn't safe	78	5.4%
I need more information on alternative modes	18	1.3%
There isn't any secure or covered bicycle parking	8	0.6%

**Employee Transit Use - All Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	8	1	0	5	0	0	7	0	7	2
2	10	2	0	17	0	0	6	0	8	3
3	5	0	0	0	0	0	3	0	1	2
4	7	0	1	2	1	0	1	1	3	0
5	3	1	0	0	0	0	1	0	1	1
6	5	0	0	1	0	0	0	0	1	0
7	0	0	0	0	0	0	0	0	0	0
8	5	0	0	2	0	0	0	0	1	0
9	0	0	0	1	0	0	0	0	0	0
10	7	0	0	1	0	0	0	0	0	0
11 or more	7	0	0	2	0	0	1	0	0	0
# Of Employees using Transit	57	4	1	31	1	0	19	1	22	8
Total One-Way Transit Trips Per Week	321	10	4	142	4	0	51	4	57	19

**Employee Transit Use - Affected Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	3	0	0	5	0	0	3	0	5	1
2	2	1	0	13	0	0	2	0	5	1
3	2	0	0	0	0	0	0	0	1	1
4	3	0	1	2	1	0	0	0	2	0
5	2	1	0	0	0	0	0	0	1	1
6	0	0	0	1	0	0	0	0	1	0
7	0	0	0	0	0	0	0	0	0	0
8	2	0	0	0	0	0	0	0	1	0
9	0	0	0	0	0	0	0	0	0	0
10	5	0	0	0	0	0	0	0	0	0
11 or more	4	0	0	0	0	0	0	0	0	0
# Of Employees using Transit	23	2	1	21	1	0	5	0	16	4
Total One-Way Transit Trips Per Week	156	7	4	45	4	0	7	0	45	11

## Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	5	0.84%	10	3	0	0	0	0	0	0	4	0	0	0	0
98004	2	0.34%	6	0	0	0	0	0	0	0	4	0	0	0	0
98011	5	0.84%	21	0	0	0	0	0	0	0	0	0	0	0	0
98012	29	4.87%	109	2	1	0	2	0	0	0	8	5	0	0	0
98020	25	4.19%	88	1	0	0	7	0	3	2	5	0	0	0	13
98021	13	2.18%	55	0	0	0	2	0	2	0	0	0	0	0	0
98026	66	11.07%	249	9	0	0	23	0	5	11	5	2	0	0	1
98027	1	0.17%	1	0	0	0	0	0	0	0	0	0	0	0	0
98028	4	0.67%	17	0	0	0	0	0	0	0	2	0	0	0	0
98032	3	0.50%	16	0	0	0	0	0	0	0	0	0	0	0	0
98033	5	0.84%	24	0	0	0	0	0	0	0	0	0	0	0	0
98034	5	0.84%	19	0	0	0	0	0	0	0	2	0	0	0	0
98036	61	10.23%	163	12	0	0	15	0	10	54	4	0	0	0	10
98037	39	6.54%	115	28	0	0	4	0	0	7	15	2	0	0	0
98040	1	0.17%	3	0	0	0	0	0	0	0	2	0	0	0	0
98043	23	3.86%	80	6	0	0	17	0	0	0	0	0	0	0	0
98057	2	0.34%	9	0	0	0	0	0	0	0	0	0	0	0	0
98059	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98061	1	0.17%	0	0	0	0	0	0	0	0	0	0	0	0	1
98072	1	0.17%	4	0	0	0	0	0	0	0	0	0	0	0	0
98077	3	0.50%	10	0	0	0	0	0	0	0	0	0	0	0	0
98087	30	5.03%	92	6	0	7	17	0	0	0	1	0	0	0	6
98092	2	0.34%	10	0	0	0	0	0	0	0	0	0	0	0	0
98102	3	0.50%	10	5	0	0	0	0	0	0	0	0	0	0	0
98103	12	2.01%	40	0	0	0	0	0	0	0	7	0	0	0	1
98105	3	0.50%	10	0	0	0	4	0	0	0	0	0	0	0	0



98107	8	1.34%	30	1	0	0	5	0	0	0	0	1	0	0	0
98108	1	0.17%	4	0	0	0	0	0	0	0	0	0	0	0	0
98109	1	0.17%	3	0	0	0	0	0	0	0	0	0	0	0	0
98112	3	0.50%	11	0	0	0	1	0	0	0	2	0	0	0	0
98115	10	1.68%	42	0	0	0	0	0	0	0	5	0	0	0	0
98116	3	0.50%	13	0	0	0	0	0	0	0	0	0	0	0	0
98117	9	1.51%	25	3	0	0	0	0	0	0	12	0	0	0	0
98118	2	0.34%	10	0	0	0	0	0	0	0	0	0	0	0	0
98119	3	0.50%	5	0	0	0	7	0	0	0	3	0	0	0	0
98122	2	0.34%	9	0	0	0	0	0	0	0	0	0	0	0	0
98125	9	1.51%	36	2	0	0	0	0	0	0	0	0	0	0	0
98126	1	0.17%	4	0	0	0	0	1	0	0	0	0	0	0	0
98133	25	4.19%	90	0	0	3	4	0	14	0	6	0	1	0	0
98136	1	0.17%	3	0	0	0	0	0	0	0	4	0	0	0	0
98155	19	3.19%	80	2	1	0	0	0	3	0	4	0	0	0	0
98177	8	1.34%	34	0	0	0	0	0	0	0	0	0	0	0	0
98188	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98199	2	0.34%	10	0	0	0	0	0	0	0	0	0	0	0	0
98201	9	1.51%	32	0	0	0	3	0	0	0	5	0	0	0	0
98203	15	2.52%	56	1	0	0	5	0	0	0	0	0	0	0	0
98204	16	2.68%	55	2	0	0	5	0	0	0	1	3	0	0	7
98208	22	3.69%	87	1	0	0	7	0	0	0	1	3	0	0	4
98223	7	1.17%	30	0	0	0	0	0	0	0	0	0	0	0	0
98229	2	0.34%	2	0	0	0	0	0	0	0	0	0	0	0	0
98236	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98239	1	0.17%	0	0	0	0	0	0	0	0	0	0	0	0	0
98249	1	0.17%	0	0	0	0	0	0	0	0	0	0	5	0	0
98252	1	0.17%	4	0	0	0	0	0	0	0	0	0	0	0	0
98258	7	1.17%	29	0	0	0	0	0	0	0	0	0	0	0	0
98260	2	0.34%	4	0	0	0	0	0	0	0	1	0	3	0	0
98270	14	2.35%	51	1	0	0	0	0	0	0	2	0	0	0	11
98271	2	0.34%	10	0	0	0	0	0	0	0	0	0	0	0	0
98272	2	0.34%	8	0	0	0	0	0	0	0	2	0	0	0	0
98275	12	2.01%	43	4	0	0	2	0	0	0	0	0	0	0	0
98282	1	0.17%	3	0	0	0	0	0	0	0	0	0	0	0	2
98290	8	1.34%	38	0	0	0	0	0	0	0	0	0	0	0	0
98292	8	1.34%	26	3	0	0	5	0	0	0	1	1	0	0	0



<b>98296</b>	2	0.34%	9	0	0	0	0	0	0	0	0	0	0	0	0
<b>98312</b>	1	0.17%	0	0	0	0	0	0	0	0	0	0	6	0	0
<b>98342</b>	1	0.17%	0	0	0	0	0	0	0	0	6	0	0	1	0
<b>98346</b>	5	0.84%	0	7	0	0	0	0	0	0	0	0	1	14	0
<b>98368</b>	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	2	0
<b>98370</b>	2	0.34%	0	0	0	0	0	0	0	0	3	0	4	0	0